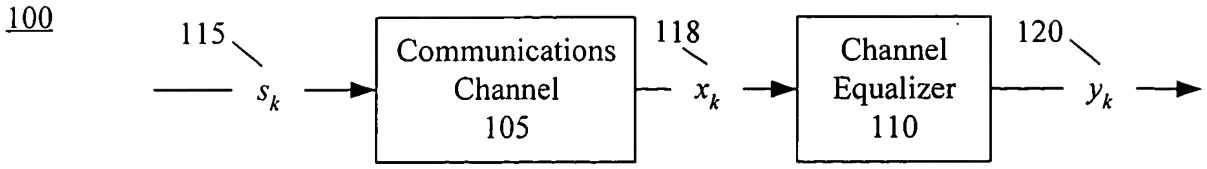

FIG. 1

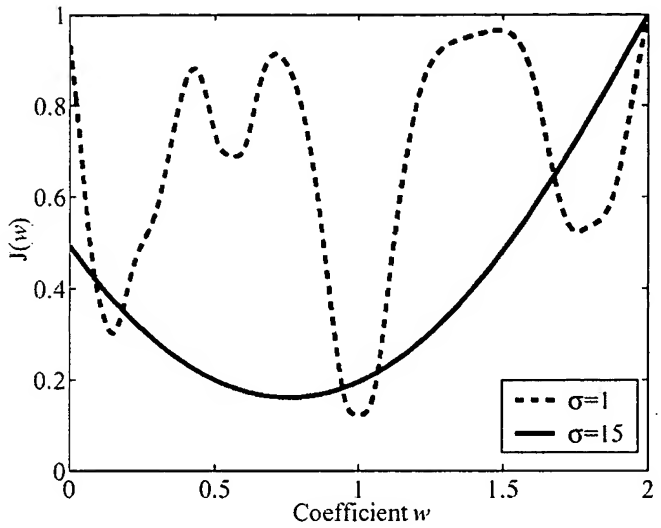

FIG. 2

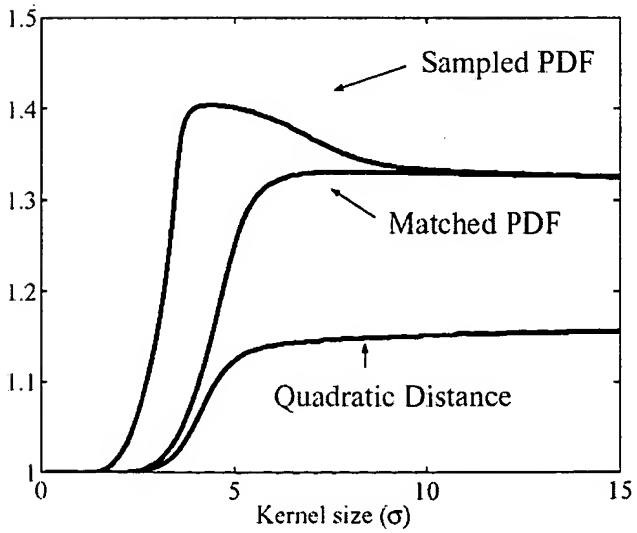

FIG. 3

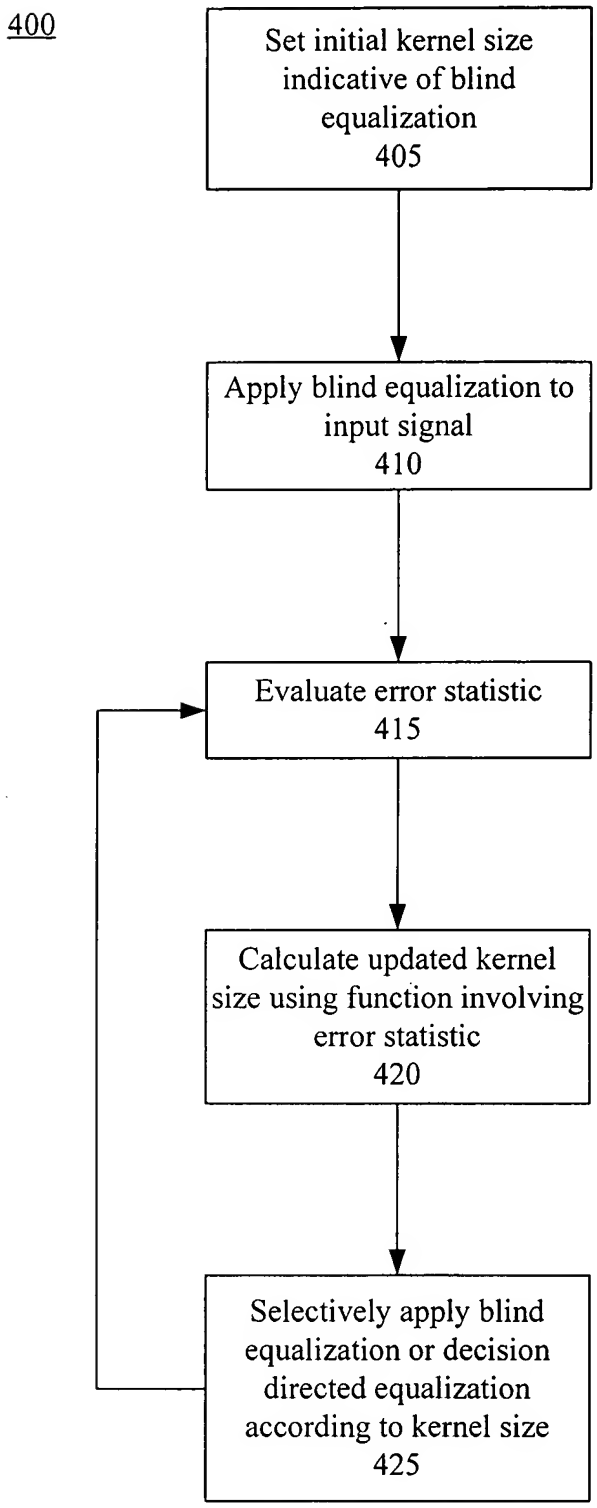
400
Set initial kernel size indicative of blind equalization
405
Apply blind equalization to input signal
410
Evaluate error statistic
415
Calculate updated kernel size using function involving error statistic
420
Selectively apply blind equalization or decision directed equalization according to kernel size
425

FIG. 4

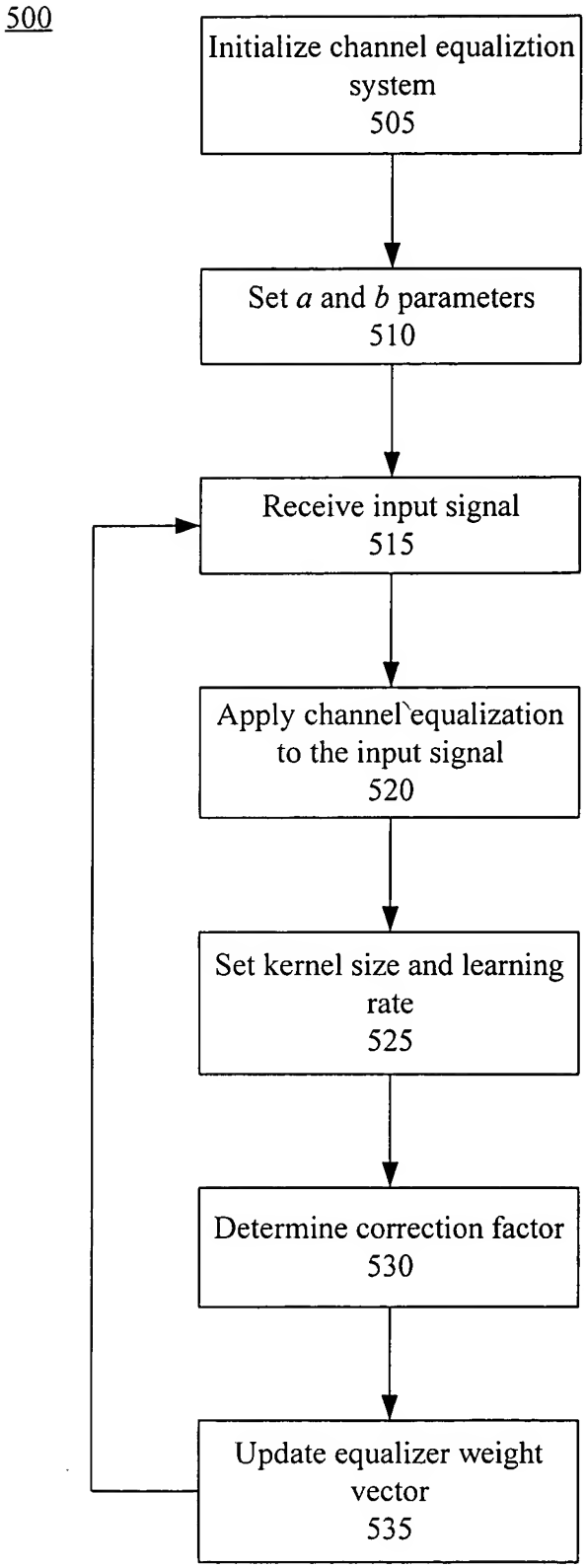
500
Initialize channel equaliztion system
505
Set a and b parameters
510
Receive input signal
515
Apply channel equalization to the input signal
520
Set kernel size and learning rate
525
Determine correction factor
530
Update equalizer weight vector
535

FIG. 5